

ABSTRACT

5 A system is provided that automatically digitally captures lecture
presentation slides and speech and stores the data in a memory. This system also
prepares this information for Internet publication and publishes it on the Internet for
distribution to end-users. The system generally comprises three main functions (1)
capturing the lecture and storing it into a computer memory or database, (2)
generating a transcript from the lecture and the presentation slides and automatically
10 summarizing and outlining the transcripts, and (3) publishing the lecture slides
image data, audio data, and transcripts on the Internet for use by client computers.
The system synchronizes the slide image data, audio data and the transcripts, and the
clients can view and search the published lecture data. A mirror assembly is also
provided that changes the angle of the light projected during a presentation from a
15 slide image projector to a digital camera for digital image data capture.